

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/009154

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L12/24 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L G06F H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 101 34 356 A (KLEIN, PETER) 23 January 2003 (2003-01-23) paragraph '0006! - paragraph '0023!; figure 1 claim 12	1-7, 12
Y	-----	8-11
Y	EP 1 251 656 A (CIT ALCATEL) 23 October 2002 (2002-10-23) paragraph '0007! - paragraph '0039!	8-11
A	US 2003/018899 A1 (ZIMMERMANN RAINER ET AL) 23 January 2003 (2003-01-23) paragraph '0002! - paragraph '0046!; claim 16; figure 1 ----- -/--	1-12

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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Date of the actual completion of the international search

22 December 2004

Date of mailing of the international search report

29/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 101 55 755 A1 (SIEMENS AG) 22 May 2003 (2003-05-22) the whole document	1-12
A	EP 1 076 279 A (HEWLETT PACKARD CO) 14 February 2001 (2001-02-14) paragraph '0001! - paragraph '0017! paragraph '0161! - paragraph '0172!	1-12
A	DE 198 45 610 A (ABB RESEARCH LTD) 6 April 2000 (2000-04-06) the whole document	1-12
A	US 2002/029347 A1 (EDELMAN MARTIN S) 7 March 2002 (2002-03-07) paragraph '0056! - paragraph '0118!; figures 1,7	1-12

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Information on patent family members

International Application No

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